

SAP Digital Manufacturing for Automobile Industry



Achieve Agility, Quality, and Efficiency Across Automotive Production Operations

The SAP Digital Manufacturing for Automotive Industry solution empowers automotive manufacturers to streamline operations—from pre-assembly and assembly to inspection and final packaging—through connected, data-driven manufacturing. This integrated digital platform enables real-time production visibility, standardized execution processes, and end-to-end traceability while supporting efficient, high-quality automotive manufacturing operations.

Key Modules & Capabilities

■ End-to-End Digital Shop Floor Execution

Digitally manages production operations across pre-assembly, assembly, quality inspection, visual inspection, and packaging stages. Provides real-time visibility and control over SFC progress, order execution, and material consumption.

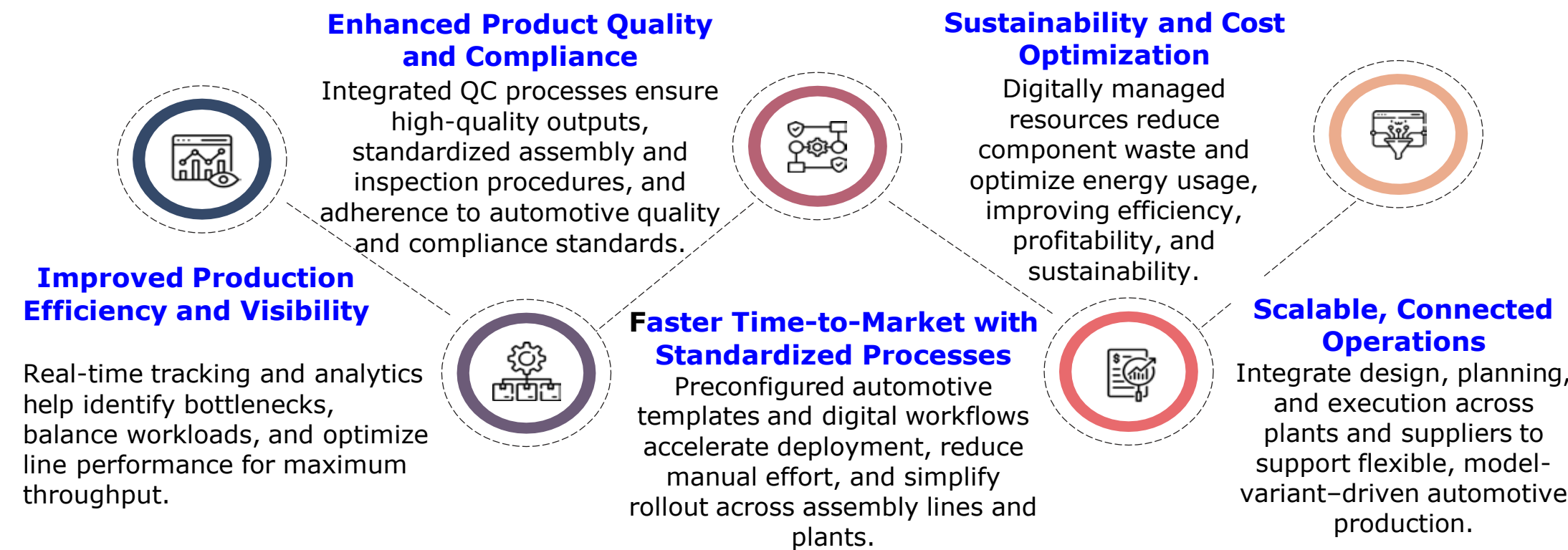
■ Integrated Quality Management

Visual inspection for in-process quality checks, defect classification and non-conformance handling. Ensures consistent product quality and end-to-end traceability across the entire production lifecycle.

■ Embedded & Custom Analytics

Delivers real-time dashboards and KPIs through SAP Digital Manufacturing (DM) and SAP Business Technology Platform (BTP). Enables supervisors and managers to instantly monitor production efficiency, output quality, and line performance.

Core Advantages



Elevate Your Automobile Manufacturing with SAP Digital Manufacturing

Discover how SAP Digital Manufacturing transforms automotive production into a connected, transparent, and data-driven enterprise. Contact us to schedule a demo and explore how your automobile operations can achieve execution excellence and operational efficiency.